

In re Patent Application of:
GREGG ET AL.
Serial No. 09/680,721
Filed: OCTOBER 6, 2000

Listing of Claims:

This listing of claims replaces all prior versions and listing of claims in the application.

Claims 1-16 (canceled).

17. (currently amended) A backerboard sheet for moist areas and comprising:

a core having opposing first and second major surfaces; said core comprising a monolithic body of autoclaved aerated concrete; and

at least one moisture-resistant face layer on at least one of the first and second major surfaces of said core, said at least one moisture-resistant face layer comprising fibers and a moisture-resistant resin layer incorporating the fibers material adjacent thereto.

18. (previously presented) A backerboard sheet according to Claim 17 wherein said fibers comprise at least one of glass, plastic, and metal fibers.

Claim 19 (canceled).

20. (original) A backerboard sheet according to Claim 17 wherein said at least one moisture-resistant face layer comprises first and second face moisture-resistant layers on respective first and second major surfaces of said core.

In re Patent Application of:
GREGG ET AL.

Serial No. 09/680,721
Filed: OCTOBER 6, 2000

21. (original) A backerboard sheet according to Claim 17 wherein said core has a generally rectangular shape defining a pair of opposing side edges and a pair of opposing end edges.

22. (original) A backerboard sheet according to Claim 21 wherein the first major surface has beveled portions adjacent respective opposing side edges.

23. (original) A backerboard sheet according to Claim 21 wherein said at least one moisture-resistant face layer extends around the opposing side edges.

24. (original) A backerboard sheet according to Claim 21 wherein the opposing end edges of said core are exposed.

25. (original) A backerboard sheet according to Claim 17 wherein said core comprises autoclaved aerated concrete having a density in a range of about 25 to 40 lbs./ft.³

26. (original) A backerboard sheet according to Claim 17 wherein said core has a thickness in a range of about 1/4 to 1 inch.

27. (original) A backerboard sheet according to Claim 17 wherein said core further comprises reinforcing fibers in said autoclaved aerated concrete.

28. (original) A backerboard sheet according to Claim 17 wherein said core comprises:

In re Patent Application of:
GREGG ET AL.

Serial No. 09/680,721
Filed: OCTOBER 6, 2000

first and second portions aligned in end-to-end relation at respective opposing edges thereof; and

an adhesive layer joining the opposing edges of said first and second portions together.

Claims 29-38 (canceled).

Claims 39-53 (canceled).

Claims 54-60 (canceled).

61. (currently amended) A backerboard sheet for moist areas and comprising:

a core having opposing first and second major surfaces; said core consisting essentially of autoclaved aerated concrete; and

at least one moisture-resistant face layer on at least one of the first and second major surfaces of said core, said at least one moisture-resistant face layer comprising fibers and a moisture-resistant resin layer incorporating the fibers ~~material adjacent thereto~~.

62. (previously presented) A backerboard sheet according to Claim 61 wherein said fibers comprise at least one of glass, plastic, and metal fibers.

63. (previously presented) A backerboard sheet according to Claim 61 wherein said at least one moisture-resistant

In re Patent Application of:
GREGG ET AL.

Serial No. 09/680,721
Filed: OCTOBER 6, 2000

face layer comprises first and second face moisture-resistant layers on respective first and second major surfaces of said core.

64. (previously presented) A backerboard sheet according to Claim 61 wherein the autoclaved aerated concrete has a density in a range of about 25 to 40 lbs./ft.³